



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

90132-2

Date of Issuance:

03/16/2015

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

hychloHSD

Name and Address of Registrant (include ZIP Code):

Aquilabs US, LLC
9205 NW 101ST St
Medley, FL 33178

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. Accelerated storage stability and corrosion characteristics study can be used, at the registrant's discretion, to fulfill these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Demson Fuller, Product Manager
RMB II, Antimicrobials Division (7510P)

Date:

03/16/2015

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, "EPA Reg. No. 90132-2."

4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 09/23/2014

If you have any questions, please contact Ben Chambliss at (703) 308-8174 or chambliss.ben@epa.gov.

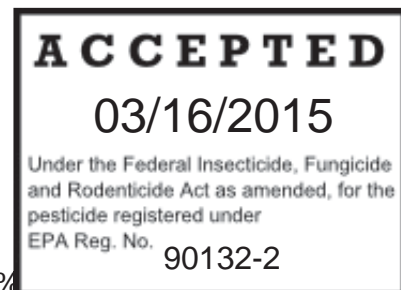
Sincerely,



Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Attachment or Enclosure: stamped label

hychloHSD™
 [Alternate Brand Names: hychloClean™, hychloFC™]



Active Ingredient:
 Hypochlorous Acid0.33%
Other Ingredients:.....99.67%
Total:.....100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See [back] [side] panel for first aid and additional precautionary statements

hychloHSD™ is a super-oxidized, water based, non-food-contact sanitizer and disinfectant for use on hard, non-porous inanimate surfaces. It is a dilutable concentrate product that is intended for use in hospitals, food processing, agricultural facilities, households, institutions, commercial facilities including hotels, childcare facilities, health clubs, laboratories, veterinary and pet care facilities, transportation, and hospitality facilities.

When used according to the directions for use, this product sanitizes and disinfects hard non-porous surfaces including: baked enamel, chrome, glass, glazed porcelain, glazed tile, laminated surfaces, non-porous plastics, plastic laminate, stainless steel, synthetic marble, vinyl

First Aid	
If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
If on Skin	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If In Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

Manufactured by:
 Aquilabs US, LLC

9205 NW 101st St
Medley, FL 33178

EPA Registration Number: TBD
EPA Establishment Number: TBD

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Microbiological Activity

When used as directed, hychloHSD™ disinfecting and sanitizing solution kills 99.9% of the following germs/bacteria: [List organisms from List]

Disinfection

- *Candida albicans* (ATCC 10231)
- *Escherichia coli* – NDM-1 positive (CDC 1001728)
- Influenza A (H1N1) Virus (ATCC VR-1469)
- Methicillin Resistant *Staphylococcus aureus* MRSA (ATCC 33592)
- *Pseudomonas aeruginosa* (ATCC 15442)
- *Salmonella enterica* (ATCC 10708)
- *Staphylococcus aureus* (ATCC 6538)
- Vancomycin Resistant *Enterococcus faecalis* – VRE (ATCC 51575)

Sanitization

- *Campylobacter jejuni* (ATCC 29428)
- *Enterobacter aerogenes* (ATCC 13048)
- *Salmonella enterica* (ATCC 10708)
- *Staphylococcus aureus* (ATCC 6538)
- *Listeria monocytogenes* (ATCC 19117)

Dilution of Product Concentrate:

Prior to use, hychloHSD™ needs to be diluted.

For Hospital/Healthcare and Broad Spectrum Disinfection:

Dilute from the 3300 ppm concentration to the final recommended use concentration of 2200 ppm.

1. Starting with 6.7 gallon of concentrate, add 3.3 gallons of clean water.
2. Mix and it is ready to use.

For Sanitization:

Dilute from the 3300 ppm concentration to the final recommended use concentration of 330 ppm.

1. Starting with 1 gallon of concentrate, add 9 gallon of clean water.
2. Mix and it is ready to use.

DISINFECTION APPLICATIONS

Hard, Non-porous Indoor Surface Disinfection: To [clean and] disinfect, first dilute product per above directions. Remove gross filth before applying [this product]. Then apply [this product] to hard, non-porous surface with a cloth, mop, or coarse spray. Wet the surface

thoroughly and re-apply as needed to keep surface wet for 10 minutes. Allow treated surface to air dry. Small hard, non-porous objects can be soaked in diluted hychloHSD™ solution. Allow objects to soak for 10 minutes (we do not recommend this time to soak stainless steel or metallic objects into the solution).

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

Disinfection Claims:

- Aids in the reduction of cross-contamination between treated surfaces
- Bactericide
- Cleans and disinfects hard, non-porous surfaces
- Cleans and disinfects hard non-porous surfaces at different sites (see sites and surfaces list below)
- Cleans, deodorizers, and disinfects
- Deodorizes by killing bacteria that cause odors
- Disinfecting / disinfectant
- Disinfecting cleaner designed for general cleaning and disinfecting of hard, non-porous surfaces at different sites (see sites and surfaces list below)
- Easy and convenient disinfecting
- Effective against [insert organisms from the table]
- Effectively disinfects hard, non-porous surfaces
- Eliminates odors
- Hospital Disinfectant
- Kills [see organisms list]
- Kills bacteria
- Multi-purpose cleaner and disinfectant
- Use in public places where bacteria may be of concerns on hard, non-porous surfaces
- Use where control of the hazards of cross-contamination between treated surfaces is of important.

SANITIZATION APPLICATIONS

Hard, Non-porous, Non-Food Contact Indoor Surface Sanitization: To [clean and] sanitize, first dilute product per above directions. For heavily soiled areas, a preliminary cleaning is required. Apply [spray, wipe or dip] diluted hychloHSD™ to hard, non-porous surface with a cloth, wipe, mop, sponge, or coarse spray. Treated surface must remain wet for 10 minutes. Allow surfaces to air dry. Food contact surfaces must be rinsed with potable water. Small hard, non-porous objects can be soaked in diluted hychloHSD™ solution. Allow objects to soak for 10 minutes (we do not recommend this time to soak stainless steel or metallic objects into the solution).

Sanitization Claims:

- Sanitizing cleaner designed for general cleaning and sanitizing hard, non-porous surfaces at different sites (see sites and surfaces list below)
- Use where hazards of cross-contamination between treated surfaces is of primary importance at different sites (see sites and surfaces list below)

- Cleans and sanitizes hard non-porous surfaces at different sites (see sites and surfaces list below)

For Use on Hard, Non-Porous Surfaces at the Following Sites: (see sites list)

AGRICULTURAL APPLICATIONS

For livestock or poultry facilities or dairy farms, remove all the animals and feeds from the premises, vehicles, crops, crates, and enclosures. Remove all the litter, manure and droppings from the floors, walls and surfaces of barns, pens chutes and other facilities occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Remove gross soil. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with hychloHSD™ for a period of 5 minutes. Immerse all equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Rinse with potable water before reuse.

Use Sites

- Livestock facilities
- Live poultry, beef and pork facilities
- Poultry, beef and pork processing plants
- Dairy farms
- Arboretum
- Green houses and gardens

OPTIONAL LABEL CLAIMS

- | | |
|--|---|
| • Alcohol and bleach free | • Multi-surface cleaner, sanitizer, and/or disinfectant |
| • Cleans, sanitizes, deodorizes | • No Personal Protective Equipment (PPE) required |
| • Contains non-VOC-emitting ingredients | • Non-corrosive or Non-staining of surfaces including stainless steel, chrome, glass, vinyl, glazed porcelain, non-porous plastics, baked enamel, and glazed tile |
| • Convenient | • Non-flammable |
| • Durable and stable solution | • This product meets EPA standards for hard, non-porous sanitization and disinfection. |
| • Easy to Use | • Suitable for hospital use. |
| • Easy [and] convenient way to sanitize | |
| • Effective under ambient conditions | |
| • Kills 99.9% of potentially pathogenic bacteria including (see bacteria list) | |
| • Multi-purpose cleaner, sanitizer, and/or disinfectant | |

GENERAL USE SITES

Commercial Facilities

- | | |
|--|------------------|
| • Barber shops, hair and nail salons, tanning salons, and spas | • Funeral Homes |
| • Bowling Alleys | • Grocery Stores |
| • Cruise Ships | • Gyms |
| • Fitness centers, gymnasiums, and locker rooms | • Hotels |
| | • Laundromats |
| | • Laundry Rooms |

- Locker Rooms
- Motels
- Office buildings
- Public recreational facilities - movie theatres, bowling alleys, indoor playgrounds, camp grounds, and clubs
- Public restrooms, and dressing rooms
- Veterinarian clinics and offices, animal hospitals, animal housing

- and grooming facilities, pet shops, and zoos
 - Animal laboratories
- Shower Rooms
- Supermarkets, convenience stores, liquor stores (food contact surfaces must be rinsed with potable water after treatment.)
- Wineries
- Yachts

Institutions & Government:

- Barracks and other military accommodations
- College and University
- Churches
- Correctional Facilities
- Day care centers
- Dormitories
- Factories
- Fire stations
- Government office buildings
- Military Installations
- Police stations
- Post offices
- Prisons and correctional facilities
- Schools (pre-elementary, grade, high)
- School buses

Public Transportation:

- Airplanes
- Cruise ships
- Planes, trains, and buses
- Ships and boats
- Trucks and cars
- Taxis and limo
- Trailers and campers

Healthcare Use Sites: [For use with disinfecting claims]

- Ambulances
- Assisting Living
- Central Service Areas
- Central Supply Rooms or Areas
- Critical Care Units
- Dental / Dentist Offices
- Dialysis Clinics
- Emergency Rooms
- ERs
- Health Care Settings
- Home Health Care Settings
- Hospitals
- Hospital Kitchens
- Intensive Care Units
- Laboratories
- Medical Clinics
- Medical Facilities
- Medical Doctor's Offices
- Nursing Stations
- Orthopedics
- Outpatient Clinics
- Patient Restrooms
- Patient Rooms
- Pediatric Areas
- Pharmacies
- Physical Therapy Rooms
- Radiology
- Surgery Rooms

GENERAL SURFACES

For Use on Hard, Non-Porous Indoor Surfaces:

- Animal Cages
- Appliances

- Automobile interiors
- Bathroom fixtures
- Bathtubs
- Bed railings
- Bidets
- Cabinets
- Chairs (sealed wood and metal)
- Computers
- Counters
- Cribs
- Desks
- Diaper changing tables
- Door knobs
- Drinking fountains
- Eyeglasses
- Faucets
- Fax machines
- Floors
- Garbage cans
- Gardening tools
- Glazed tile
- Gymnasium / fitness equipment
- Hair dryers
- Haircutter blades
- Hand rails
- Headsets
- High Chairs
- Keyboards
- Lamps
- Litter boxes
- Manicure table
- Metal
- Microwave oven exteriors
- Mirrors
- Nail files
- Railings
- Razors
- Refrigerator exteriors
- Salon surfaces
- Hard, non-porous Saunas
- Scissors
- Seats
- Shampoo bowls
- Showers
- Sinks
- Stoves
- Stovetops
- Tabletops
- Teat Cups (Dairy applications)
- Telephones
- Toilet exteriors
- Toilet Seats
- Towel Dispensers
- Trashcans
- Tubs
- Tweezers
- Urinal exteriors
- Walls
- Workstations

Healthcare Surfaces: [For use with disinfecting claims]

- Bedpans
- Dental countertops
- Dental chairs
- Dental light lens covers
- Exam Tables
- Examination Tables
- External surfaces of medical equipment
- External surfaces of ultrasound machines
- Gurneys
- Hard, non-porous environmental hospital surfaces
- Hard, non-porous environmental dental surfaces
- Hospital / Patient Bed Railings, linings, frames
- IV poles
- Patient chairs
- Plastic mattress covers
- Reception counters
- Stretchers
- Wash basins
- Wheelchairs

This product is not for outdoor residential consumer use.

Not Recommended for Use on:

- Aluminum
- Brass
- Chipped enamel
- Clear plastic
- Clothes
- Copper
- Fabrics
- Gold
- Natural Marble
- Painted Surfaces
- Paper Surfaces
- Natural Rubber
- Sealed granite
- Silver
- Wood

PRECAUTIONARY STATEMENTS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PHYSICAL OR CHEMICAL HAZARDS

Do not use this product with other household or industrial chemicals such as toilet bowl cleaners, rust removers, acids, or products containing ammonia. To do so will release hazardous, irritating gas. Prolonged contact with metal may cause pitting or discoloration.

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage or disposal.

Pesticide Storage: Store hychloHSD™ in its original sealed container at room temperature, away from direct sunlight and heat to avoid deterioration. If the product leaks or spills from the container, rinse the area with water and let it air dry.

Pesticide Disposal: If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program.

Container Handling:

[For containers < 5 gallons] Non-refillable Container. Do not refill or reuse container. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[For containers > 5 gallons] Non-refillable Container. Do not refill or reuse container. Triple rinse as follows: Empty the remaining content into application equipment or a mix tank. Fill container 25% full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat the procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.